KOROTKOV, V.M., kandidat meditsinskikh nauk (Riga)

Garlic preparations in the prphylaxis and treatment of influenza and acute catarrhs of the upper respiratory tract. Fel'd. i akush. 21 no.9:5-7 S '56. (MLRA 9:10)

(GARLIC--THERAPEUTIC USE)
(INFLUENZA)
(RESPIRATORY ORGANS--DISEASES)

KOROTKOV, V.M., kand.med.nauk (Khar'kov, ul.Sh.Rustaveli, d.4/6, kv.37)

Clinical basis for the use of phytoncides in septic surgery.
Nov.khir.arkh. no.4:43-48 Jl-Ag '59. (MIRA 12:11)

1. Khar'kovskiy meditsinskiy institut.
(PHYTONCIDES) (SUPPURATION)

KOROTKOV, DOCENT V. M. (Colonel of the Medical Service)

"Bactericidal Properties of Garlic Phytoncides of Different Ages and Concentrations"

Voyenno-Meditsinskiy Zhurnal, No. 10, October 1961

KOROTKOV, V.M., polkovnik med.sluzhby, dotsent

Bactericidal properties of onion phytoncides of varying concentration and length of preparation. Voen.-med.zhur. no.10: 92 O '61. (MIRA 15:5)

(PHYTONCIDES)

KOROTKOV, V.M.

The 2PSN-6M and PPS-6 thinners. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 17 no.7:66-69 Jl '64. (MIRA 17:10)

KOROTKOV, V. N.

USSR/Engineering - Automotive equipment

Card 1/1 : Pub. 71 - 13/17

Authors : Efimov, G. P., and Korotkov, V. N.

Title : The effectiveness of the use of lift-trucks in rail transport

Periodical : Mech. trud. rab. 5, 41-45, July 1954

Abstract : A study was conducted concerning the advantage of using lift-trucks for loading commercial goods on rolling stock. General description of 4I0, 4004, and UPM-6 lift-trucks is presented, together with instructions for their operation. Illustrations; table.

Institution : .....

Submitted : .....

KOROTKOV, V.N., inzhener.

Using fork lift trucks in railroad stations. Mekh.trud.rab.10 no.4: 13-16 Ap '56. (Fork lift trucks) (MLRA 9:7)

KOROTKOV, VALENTIN NIKOLAYEVICH

KOROTKOV, Valentin Nikolayevich; RIDEL', E.I., redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Manual for operators of gantry cranes] Rukovodstvo kranovshchiku kozlovogo krana. Moskva, Gos.transp.zhel-dor.izd-vo, 1957. 307 p. (MLRA 10:9)
(Cranes, derricks, etc.)

KOROTKOV, V.N., inzhener.

"Hans Still" and "Junheinrich" accumulator loaders and cars. Mekh. trud. rab. 11 no.2:42-46 F '57. (MLRA 10:5)
(Germany, West--Loading and unloading)

06178
SOV/115-59-11-6/36

12 (2, 3), 25 (1)

AUTHORS: Malakhov, K.N., Korotkov, V.N.

TITLE: Certain Problems of Weight-measurement Technique in Railroad Transportation

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 11, pp 21-24

ABSTRACT: The authors review some problems encountered with RR car balances on Russian RR lines. After World War II, from 1948 to 1958, a great number of 100-ton RR car balances was installed at RR stations and at industrial installations. However, in recent years the construction of RR car balances decreased. One of the reasons for this reduction is the fact that the Soviet RR balances are outdated. Weighing one freight car lasts about 2.5-3 minutes. For manual unloading of RR cars, up to two hours are required, thus only 2-5% were spent for weighing the RR car. When using modern mechanical aids, the unloading of a RR car is performed within 6 to 30 minutes, thus 15-30% of this time is wasted for weighing the car. At some RR stations the operators introduced minor modifications for improving the effi-

Card 1/3

Certain Problems of Weight-measurement Technique in Railroad Transportation

ciency of the balances. In this connection the authors mention the names of the following RR employees: Akinfiyev, Kharlamov, Stetsenko, Voskoboyev and Kaplev. Soviet designers work on electronic devices for weighing RR cars. Tensometric devices for static weighing of RR cars are built at the measuring instrument laboratory of the Nevskiy khimicheskiy kombinat (Neva Chemical Combine) in Leningrad under the supervision of Buzhinskiy. The scientific research section of the Odesskiy politekhnicheskiy institut (Odessa Polytechnic Institute) works on new electronic RR car balances upon request of the Ministerstvo putey soobshcheniya SSSR (USSR Ministry of Transportation). These balances are designed for weighing the RR car while in motion with automatic recording of the weight. Concerning the repair of RR car balances, the authors state that the majority of mobile and stationary repair shops is well equipped. In this connection, the authors mention the Senior Technical Inspector Mikhaylov from the Chelyabinskaya gosudarstvenn-

Card 2/3

Certain Problems of Weight-measurement Technique in Railroad Transportation

aya kontrol'naya laboratoriya po izmeritel'noy tekhnike (Chelyabinsk State Laboratory for Measuring Engineering) who used screw-type jacks for loading the balances for checking. This method was improved by the Senior Engineer S.I. Gauzner from the Komitet standartov, mer i izmeritel'nykh priborov. A note from the editor says that a basic improvement of RR car balances is necessary and that the USSR Ministry of Transportation must take appropriate steps in this direction. There are 2 diagrams.

KOROTKOV, V.N., inzh.; LITVINOV, A.D., inzh.

Prospects for the over-all mechanization of loading and unloading operations. Zhel.dor.transp. 41 no.6:8-13 Je '59. (MIRA 12:9)

(Railroads--Equipment and supplies)
(Loading and unloading)

MALAKHOV, Konstantin Nikolayevich; KOROTKOV, Valentin Nikolayevich; L'VITSYN, Nikolay Fedorovich; RIDEL', E.I., kand.tekhn.nauk, red.; KHITROV, P.A., tekhn.red.

[Equipment used in freight handling] Tekhnika gruzovogo khoziaistva. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 166 p.

(MIRA 14:1)

(Railroads--Freight)

KOROTKOV, V.N., inzh.

Use of containers and semi-trailers in foreign countries. Zhel. dor.transp. 42 no.2:87-90 F '60. (MIRA 13:5)
(Railroads--Freight)

KOROTKOV, Valentin Nikolayevich; YEFIMOV, G.P., kand. tekhn. nauk, retsenzent; TSARENKO, A.P., inzh., red.; KHITROVA, N.A., tekhn. red.

[Manual for the operator of a gantry crane] Posobie kranovshchiku kozlovogo krana. Izd.2., ispr. i dop. Moskva, Vses. poligr. ob"edinenie M-va putei soobshcheniia, 1961. 271 p. (MIRA 14:11)
(Cranes, derricks, etc.)

FROLOV, A.F.; KOROTKOVA, V.N.

Equilibrium of the liquid - vapor system for a mixture of isoprene with hydrocarbons of the fraction $C_5$. Khim.prom. no.6: 376-378 Je '61. (MIRA 14:6)

1. Nauchno-issledovatel'skiy institut monomerov dlya SK, i Yaroslavskiy tekhnologicheskiy institut.
(Isoprene) (Hydrocarbons)

ZOTOV, Mikhail Nikolayevich; YEFREMOVICH, Boris Arsent'yevich; YERSHOV, Mikhail Vasil'yevich; BRONFIN, M.S., inzh., retsenzent; KLOCHKOV, V.I., inzh., retsenzent; KOROTKOV, V.N., inzh., red.; KHITROVA, N.A., tekhn. red.

[Working principle and operation of automatic battery-powered loaders] Ustroistvo i ekspluatatsiia akkumuliatornykh avtopogruzchikov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 77 p. (MIRA 15:4)
(Loading and unloading--Equipment and supplies)

MYASNIKOV, Z.M., inzh. (Khar'kov); KOROTKOV, V.N., inzh. (Khar'kov)

Ways of improving the preparation of cars for grain transportation. Zhel.dor.transp. 44 no.9:87-89 S '62. (MIRA 15:9)
(Railroads—Freight cars) (Grain--Transportation)

KOROTKOV, V.N., inzh.

Mechanization and advanced technology are the basis for a further increase of labor productivity in freight op erations. Zhel. dor. transp. 45 no.5:25-31 My '63. (MIRA 16:10)

1. Nachal'nik planovo-tekhnicheskogo otdela Glavnogo gruzovogo upravleniya Ministerstva putey soobshcheniya.

GUPALO, Yu.P.; KOROVIN, V.N.

Reclamation of the filler in air-suspension coal preparation. Trudy IGI 20:40-45 '63. (MIRA 17:8)

KOROTKOV, V.N.

Overall mechanization of loading and unloading operations. Zhel.dor. transp. 47 no.10:3-8 O '65. (MIRA 18:10)

1. Glavnyy inzh. Glavnogo gruzovogo upravleniya Ministerstva putey soobshcheniya.

KORCTKOV, V.N.; FIRSOV, V.D. (Michurinsk, Tambovskoy oblasti, Gogolevskaya ul. 57-a, kv. 7)

Torsion of the spleen. Vest. khir. 92 no.1:87 Ja '64. (MIRA 17:11)

1. Iz khirurgicheskogo otdeleniya Michurinskoy zheleznodorozhnoy bol'nitsy (nachal'nik - V.N. Korotkov).

KOROTKOV, Vladimir Petrovich; RYMAR', N.F., nauchnyy redaktor; SEREBRENNIKOVA, L.A., redaktor; MATYSEVICH, N.L., tekhnicheskiy redaktor.

[Measuring length and angles in machinery manufacturing] Izmerenie dlin i uglov v mashinostroenii. Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1957. 99 p. (MIRA 10:11)
(Measuring instruments) (Machine-shop practice)

KOROTKOV, V.P.

VOLODIN, Ye.I., kandidat tekhnicheskikh nauk; GORODETSKIY, I.Ye., professor, doktor tekhnicheskikh nauk [deceased]; DOSCHATOV, V.V., inzhener; KOROTKOV, V.P., kandidat tekhnicheskikh nauk; MANTSEV, B.M., inzhener; NESTEROVSKIY, M.M., inzhener; PALEY, M.A., inzhener; ROSTOVYKH, A.Ya., kandidat tekhnicheskikh nauk; TAYTS, B.A., professor, doktor tekhnicheskikh nauk; HYDINOV, V.Ya., kandidat tekhnicheskikh nauk; ERVAYS, A.V., inzhener; CHUDOV, V.A., inzhener; ACHERKAN, N.S., doktor tekhnicheskikh nauk, professor, glavnyy redaktor; VLADISLAVLEV, V.S., redaktor; MALOV, A.N., redaktor; POZDNYAKOV, S.N., redaktor; STOLBIN, G.B., redaktor; CHERNAVSKIY, S.A., kandidat tekhnicheskikh nauk, redaktor; MARKUS, M.Ye., inzhener, redaktor [deceased]; KARGANOV, V.G., inzhener, redaktor graficheskikh rabot; SOKOLOVA, T.F., tekhnicheskiy redaktor

[Metal worker's manual; in five volumes] Spravochnik metallista; v piati tomakh. Red. sovet N.S.Acherkan i dr. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry. Vol.1.(Pod red.S.A.Chernavskogo).1957.603 p. (Mechanical engineering)

AUTHOR: Korotkov, V.P., Candidate of Technical Sciences 28-6-5/40

TITLE: Summing-up the Errors in Basic Thread Parameters (Summirovaniye oshibok osnovnykh parametrov rez'by)

PERIODICAL: Standartizatsiya, 1957, # 6, pp 16-20 (USSR)

ABSTRACT: The author makes a mathematical analysis of the theory underlying the accepted practice of determining the tolerance, as well as that of the thread-cutting process itself, and concludes that the purely geometrical determination of the pitch diameter is not correct, since the value of the effective pitch diameter depends upon localized errors in the diameter and profile angle which are not constant over the entire length of thread.

He considers that the formation of thread is in fact determined by kinematic processes, and suggests a new measuring method - a check measurement of thread (cut by two-profile and one-profile cutting tools) on the pitch diameter with the use of a ball tip corresponding to the most suitable wire diameter, or a microscope measurement of the distances between identical generatrices along the pitch diameter line and calculating the mean arithmetical value.

The author claims that either variation of the suggested method will show the value and the sign of error determined by the actual depth of the tools cut and by the kinematic accuracy of the

Card 1/2

thread forming process. These errors can be corrected in the cutting process by a radial tool feed. This can considerably simplify the design of the correcting device and improve the accuracy of thread.

There are 4 drawings and 1 Russian reference.

ASSOCIATION: Moscow Machine-building Evening Institute (Moskovskiy vechernly mashinostroitel'nyy institut)

AVAILABLE: Library of Congress

 1. Industry-USSR 2. Screw threads-Standards

KOROTKOV, V.P.

KOROTKOV, V.P.; YEREMIN, N.Ye., inzhener; KRAVTSOV, V.I., inzhener.

Making mercury-arc rectifiers. Elek.i tepl.tiaga no.9:33-36 S '57.
(MIRA 10:10)

1. Nachal'nik remontno-revizionnogo tsekha Novosibirskogo uchastka energosnabzheniya (for Korotkov).
(Mercury-arc rectifiers)

[illegible], A. B., Kuritsyn, V. F.

"Gerät für Kontrolle der Kinematischen Genauigkeit von Verzahnungen"

report presented at the
Intl. Measurements Conference (IMEKO) Budapest, 24-30 November ~~1960~~ 1958

KOROTKOV, V. P.

PHASE I BOOK EXPLOITATION 871

Belyayev, V. N., Candidate of Technical Sciences; Birger, I. A., Doctor of Technical Sciences; Demidov, S. P., Candidate of Technical Sciences; Korotkov, V. P., Candidate of Technical Sciences; Kudryavtsev, V. N., Doctor of Technical Sciences, Professor; Martynov, A. D., Candidate of Technical Sciences; Niberg, N. Ya., Candidate of Technical Sciences; Ponomarev, S. D., Doctor of Technical Sciences, Professor; Pronin, B. A., Candidate of Technical Sciences; Push, V. E., Candidate of Technical Sciences; Sleznikov, G. I., Engineer; Stolbin, G. B., Candidate of Technical Sciences; Tayts, B. A., Doctor of Technical Sciences

Spravochnik metallista. t. 2 (Metals Engineering Handbook. v. 2) Moscow, Mashgiz, 1958. 974 p. 100,000 copies printed.

Ed.(title page): Chernavskiy, S. A., Candidate of Technical Sciences; Ed. (inside book): Markus, M. Ye., Engineer (deceased); Tech. Ed.: Sokolova, T. F.; Editorial Board of the set: Acherkan, N. S., Doctor of Technical Sciences, Professor, Chairman of the Board and Chief Ed.; Vladislavlev, V. S. (deceased); Malov, A. N.; Rozdnyakov, S. N.; Rostovykh, A. Ya.; Stolbin, G. B.; and Chernavskiy, S. A.

PURPOSE: The book is intended for technicians and engineers working in the field of machine design and in production.

Card 1/19

BARDIN, I.P., akademik; DYMOV, A.M., prof., doktor khim.nauk; DIKUSHIN, V.I.; akademik; TSELIKOV, A.I.; OTLEV, I.A., inzh. (g. Khimki, Moskovskoy oblasti).; DEM'YANYUK, F.S., prof., doktor tekhn.nauk; RYBKIN, A.P., prof., doktor tekhn.nauk; YAKUSHEV, A.I., prof., dokt. tekhn.nauk; KIDIN, I.N., prof. doktor tekhn.nauk; [redacted], dots., kand. tekhn.nauk; SHUKHGAL'TER, L.Ya., dots., kand.tekhn.nauk; KUKIN, G.N., prof., doktor tekhn.nauk.

Every specialist should know the principles of of standardization. Standartizatsiia 22 no.4:34-40 Jl-Ag '58. (MIRA 11:10)

1.Chlen-korrespondent AN SSSR (for TSelikov). 2.Predsedatel' tekhniko-ekonomicheskogo soveta Mosoblsovnarkhoza (for Rybkin). 3.Direktor Moskovskogo instituta stali imeni I.V. Stalina (for Kidin). 4.Direktor Moskovskogo vechernego mashinostroitel'nogo instituta (for Korotkov).
(Standardization--Study and teaching)

SOV/115-59-6-4/33

25(1), 28(1)

AUTHORS: Tayts, B.A., Korotkov, V.P.

TITLE: Instruments for Checking the Kinematic Accuracy of Assemblies and Machine Tools

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 6, pp 13-16 (USSR)

ABSTRACT: The authors describe a number of devices developed in the USSR for determining the kinematic accuracy of mechanisms, especially gears. A considerable amount of mechanisms must provide a precise matching of the revolutions of the driving and the driven shafts. The mismatching must not exceed several angular seconds or microns, and, in some cases, even fractions of seconds or microns are required. Consequently, it is necessary to develop devices controlling the accuracy of individual mechanical links (gears, worm gears, screws) and devices for controlling entire link-trains and machine tools. Measurements of individual elements, gears, screws, etc. do not result in complete precision characteristics of the work of the given parts in a mechanism. Individual errors of one part are intensified or compensated by the errors of the other parts. Therefore, the most precise parts

Card 1/3

Instruments for Checking the Kinematic Accuracy of Assemblies and Machine Tools

must be checked under conditions analogous to the actual operation. Thus, the total error of a part may be established which it would show when installed in the mechanism for which it was designed. In the USSR, a number of devices was designed for the kinematic control of gears. The device MT-2 was produced for checking the total error of gears with a small modulus (0.02-1mm). This device is used for determining the total error of a single-profile gear link by a measuring slide. A schematic diagram of this device is shown in Fig 1. For measuring under mass production conditions, the total error of gears having a medium modulus of 1-8, and a center distance of 70-300 mm, a simple device was developed with a short and reliable kinematic train, as shown in Fig 2. A self-recorder registers the total error of the gear to be controlled. Tests of this device showed that its error with the self-recorder amounts to 2-4 seconds at different ratios. For measuring the total error of medium-modulus, spur gears, a universal device was created, as shown in Fig 3. The tendency of eliminating the precision measuring gear led to the development of the control method without reference gears as suggested by N.N. Markov.

Instruments for Checking the Kinematic Accuracy of Assemblies and Machine Tools

This device consists of an involute meter and an angular pitch meter. The combination of these meters produces error curves of the right and left tooth profiles. The outer contour, obtained in the recorder diagram, characterizes the single-profile error curve of the gear. D.A. Tayts suggested a device for controlling helical gears of up to 300 mm diameter and a modulus of 1-8, as shown in Fig.4. L.A. Arkhangel'skiy and G.I. Tkachevskiy developed a special device for controlling the matching of the rotary motion in precision gear milling machines. A.V. Levashev developed a device for checking the matching of the rotation of two links of a kinematic train which is used at a number of machine tool plants. This device is shown in Fig.5. V.P. Korotkov developed a method of controlling matching and rotary motion in gear and screw-cutting machine tools. This method is based on optical coincidence and comparision of the shifting of dial calibrations, belonging to the driving and driven links of the kinematic trains to be checked. Fig.6 shows the diagram of this device. The dial is shown in Fig.7. There are 7 diagrams.

SOV/115-59-9-7/37

24(4)
AUTHOR: Korotkov, V.P.

TITLE: An Optical Method of Checking the Kinematic Accuracy Without a Prototype

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 9, pp 16-19 (USSR)

ABSTRACT: The author explains the principal features of the optical method which he developed for checking the kinematic accuracy without a prototype. This method is based on the coincidence of the displacements of the driving and the driven links of the mechanism to be checked, which are connected during the checking process with corresponding dials. The optical image of the dials is placed into the same view field of a dual microscope. The author describes the checking procedure in more detail. This method may be used for checking the kinematic accuracy of different mechanisms for which the deviation of prescribed motions must be determined: two forward motions, one rotating and one forward motion, two rotating motions. This method may be used for determining the

Card 1/3

...Standards, Measures and Measuring Instruments) de-
signed and manufactured a model of this device for
checking the accuracy of screws under the guidance
of the author. After the tests of the first model

Card 2/3

are completed and after correction factors have been established, a second version of the device will be manufactured, which also may be recommended for introduction. There are 6 diagrams and 1 Soviet reference.

KOROTKOV, V.P.

PHASE I BOOK EXPLOITATION SOV/4438

Vzaimozamenyayemost' i tekhnicheskiye izmereniya v mashinostroyenii; mezhvuzovskiy sbornik, no. 2 (Interchangeability and Engineering Measurements in Machinery Manufacture; University Collection, No. 2) Moscow, Mashgiz, 1960. 542 p. Errata slip inserted. 5,000 copies printed.

Ed.: A.I. Yakushev, Doctor of Technical Sciences, Professor; Editorial Council: A.I. Yakushev (Chairman); B.A. Tayts, Doctor of Technical Sciences, Professor; Ye. I. Volodin, Docent; N.N. Ganchev, Docent; P.N. Goberman, Docent; and O. Ya. Yegor'yev (Scientific Secretary), Engineer; Reviewer: M. Ye. Yegorov, Doctor of Technical Sciences, Professor; Eds.: B.A. Tayts; V.P. Korotkov, Candidate of Technical Sciences, Docent; L.N. Vorontsov, Candidate of Technical Sciences; Managing Ed. for Literature on Machine and Instrument Construction (Mashgiz): N.V. Pokrovskiy, Engineer; Ed. of Publishing House: G.F. Kochetova; Tech. Ed.: T.F. Sokolova.

PURPOSE: This collection of articles is intended for scientific and technical personnel dealing with problems of interchangeability and engineering measurements in the machine and instrument industries.

Card ~~1/7~~

Interchangeability and Engineering Measurements (Cont.) SOV/4438

COVERAGE: The book deals with the results of theoretical and experimental investigations of interchangeability of standard conjugated machine parts and the criteria for selecting the accuracy of measuring devices and for designing instruments for engineering measurements. Methods for analyzing automatic machine tools, transfer machines, and means of feedback control of the dimensions of parts in process are discussed in detail. Methods based on the use of optically interfering screens and radioactive isotopes are included in the discussion. No personalities are mentioned. References accompany several of the articles.

TABLE OF CONTENTS:



Card 2/7

PHASE I BOOK EXPLOITATION SOV/5762

Korotkov, Vladimir Petrovich, and Boris Arkad'yevich Tayts

Osnovy metrologii i tochnosti mekhanizmov priborov (Fundamentals of Metrology and Accuracy of Instrument Mechanisms) Moscow, Mashgiz, 1961. 400 p. Errata slip inserted. 12,000 copies printed.

Ed. (Title page): B. A. Tayts, Professor, Doctor of Technical Sciences; Reviewers: Z. M. Aksel'rod, Candidate of Technical Sciences, Docent, and A. I. Yakushev, Doctor of Technical Sciences, Professor; Ed. of Publishing House: I. I. Lesnichenko; Tech. Ed.: V. D. El'kind; Managing Ed. for Literature on Cold Working of Metals and Machine-Tool Making: V. V. Rzhavinskiy, Engineer.

PURPOSE : This book is intended for students of instrument design in schools of higher technical education; it may also be used by metrologists and designers engaged in the designing, testing, and adjustment of instruments.

Card 1/[illegible] 2

COVERAGE: Basic information is presented concerning the theory of linear measurements and the accuracy of instrument mechanisms used in dimensional inspection. The book contains examples for calculating the accuracy of mechanisms which take into account errors in arrangement, manufacturing errors caused by clearances, etc. The contents of the book correspond to the lectures delivered by the authors at the Moskovskiy vecherniy mashinostroitel'nyy institut (Moscow Night Institute of Mechanical Engineering). No personalities are mentioned. There are 121 references, all Soviet.

TABLE OF CONTENTS:

KOROTKOV, V.P., kand.tekhn.nauk, dotsent

Precision of screw pairs with multiple thread. Vzaim.i tekh. izm.v mashinostr.; mezhvuz.sbor. no.3:5-25 '61. (MIRA 14:8)

(Screws)

KOROTKOV, V.P., kand.tekhn.nauk, dotsent

Testing kinematic precision of a mechanism without models. Vzaim.i tekh. izm.v mashinostr.; mezhvuz.sbor. no.3:207-226 '61. (MIRA 14:8)

(Mechanical movements--Testing)

KOROTKOV, V.

On the introduction of the International System of Units in the U.S.S.R. Plast.massy no.7:1-4 '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.P.

Introduction of the International Unit System in the U.S.S.R.
Izm.tekh. no.2:1-4 F '63. (MIRA 16:2)
(Metric system)

BALAKSHIN, O.B., kand. tekhn. nauk; BYKHOVSKIY, M.L., prof., doktor tekhn. nauk; VOLODIN, Ye.I., kand. tekhn. nauk; GRIGOR'YEV, I.A., kand. tekhn.nauk; DRAUDIN-KRYLENKO, A.T., inzh.; IVANOV, A.G., kand. tekhn.nauk; KOZLOV, M.P., kand. tekhn. nauk; KOROTKOV, V.P., prof.; KOCHENOV, M.I., kand. tekhn.nauk; KUTAY, [redacted], kand. tekhn. nauk; MARKOV N.N.,kand. tekhn. nauk; PALEY, M.A., inzh.; RAYZMAN, N.S., kand. tekhn.nauk; ROSTOVYKH, A.Ya., kand. tekn. nauk; RUMYANTSEV, A.V., kand. tekhn.nauk; SARKIN, I.G., prof.; SMIRNOV, A.S., inzh.; TAYTS, B.A., prof., doktor tekhn. nauk; YAKUSHEV, A.I., prof., doktor tekhn. nauk; NESTEROV, V.D., inzh., nauchnyy red.; CHUDOV, V.A., inzh., nauchnyy red.; GAVRILOV, A.N., doktor tekhn.nauk, prof., red.; BLAGOSKLONOVA, N.Yu., inzh., red. izd-va; SOKOLOVA, T.F., tekhn. red.

[Manufacture of instruments and means of automatic control: a manual in five volumes] Priborostroenie i sredstva avtomatiki; spravochnik v piati tomakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Vol.1.[Interchangeability and engineering measurements] Vzaimozameniaemost' i tekhnicheskie izmereniia. 1963. 568 p. (MIRA 16:8)
(Electronic measurements) (Automatic control)

KOROTKOV, V.

Introduction of the international system of units in the U.S.S.R. Zhil. stroi. no.5:26-29 '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.

Introduction of the International Unit System. NTO 5 no.7: 54-55 Jl '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Weights and measures—Standards)

KOROTKOV, V.P.

Introduction of the international system of units in the U.S.S.R. Avtom., telem. i sviaz' 7 no.5:13-15 My '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Komiteta standartov,, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.

Introduction of the international system of units in the U.S.S.R. (MIRA 16:7)
Avtomatyka 8 no.3:80-83 '63.

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.

Introduction of the international unit system in the S.S.S.R.
Akust. zhur. 9 no.2:257-260 '63. (MIRA 16:4)

1. Zamestitel' Predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.

International system of units. Stroitel' 9 no.5:29-31 My '63.
(MIRA 16:9)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov SSSR.

(Units)

KOROTKOV, V.

Comments on the introduction of the International System of Units in the U.S.S.R. Atom. energ. 15 no.1:96-98 Jl '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Units)

KOROTKOV, V.

Introduction of the International Unit System in the U.S.S.R.
Izv.AN Arm.SSR. Geol. i geog.nauki 16 no.2:77-83 '63.
(MIRA 16:9)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.

Introduction of the international system of units in the U.S.S.R. Elektrosviaz' 17 no.6:72-75 Je '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Units)

KOROTKOV, V.P.

Introduction of the international system of units in the U.S.S.R. Prom.energ. 18 no.4:40-42 Ap '63. (MIRA 16:4)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR. (Units)

KOROTKOV, V.P.

Introduction of the International System of Units in the U.S.S.R. Mekh.stroi. 20 no.5:10-12 My '63. (MIRA 16:4)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov SSSR.

(Units)

KOROTKOV, V.

In memory of M.A. Chernyshev. Vest. TSNII MPS 22 no.3: 54 '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'ny priborov pri Sovete Ministrov SSSR.
(Chernyshev, Mikhail Aleksandrovich, d. 1963)

KOROTKOV, V.

Introduction of the International System of Units in the U.S.S.R.
Mor.flot. 23 no.6:31-33 Je '63. (MIRA 16:9)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(No subject headings)

KOROTKOV, V.P.

Introduction of the International Unit System in the U.S.S.R.
Standartizatsiia 27 no.3:3-7 Mr '63. (MIRA 16:4)
(Weights and measures—Standards)

KOROTKOV, V.

Introduction of the international unit system into the U.S.S.R. Muk.-elev. prom. 29 no.4:22-24 Ap '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Komiteta standartov, mer. i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.

Introduction of the International system of units in the U.S.S.R.
Sudostroenie 29 no.5:70-72 My '63. (MIRA 16:9)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(No subject headings)

KOROTKOV, V.

Introduction of the international unit system in the U.S.S.R.
Mas.-zhir. prom. 29 no.8:43 Ag '63. (MIRA 16:10)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete ministrov SSSR.

KOROTKOV, V.

On the introduction of the International System of Units in the U.S.S.R. Zhur.ob.khim. 33 no.7:2426-2429 Jl '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.

Introducing the international unit system in the U.S.S.R. Stan. i instr. 34 no.6:39-41 Je '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Weight and measures—Standards)

KOROTKOV, V.P.

Introduction of the International Unit System in the U.S.S.R.
Sakh. prom. 37 no.4:8-13 Ap '63. (MIRA 16:7)

1. Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.

Adoption of the International Unit System in the U.S.S.R. Khim.-volok. no.2:74-76 '63. (MIRA 16:5)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Units)

KOROTKOV, V.

Introduction of the International Unit System in the U.S.S.R.
Mashinostroitel' no.6:44-46 Je '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Weight and measures—Standards)

KOROTKOV, V.

Introduction of the international system of units in the U.S.S.R.
Elektrichestvo no.6:76-82 Je '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Units)

KOROTKOV, V.P.

Introduction of the International System of Units in the U.S.S.R.
Izv. AN SSSR. Otd.khim.nauk no.6:1149-1152 Je '63. (MIRA 16:7)
(Units)

KOROTKOV, V.

Introduction of the international system of units in the U.S.S.R. Metallurg 8 no.5:37-38 My '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Units)

KOROTKOV, V.

Use of the international system of units in the U.S.S.R. Energetik 11 no.5:6-8 My '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Units)

KOROTKOV, V.

Introducing the International System of Units in the U.S.S.R.
Prof.-tekh. obr. 20 no.5:26-27 My '63. (MIRA 16:7)

(No subject headings)

KOROTKOV, V.

Adoption of the International Unit System in the U.S.S.R. Kauch. i rez. 22 no.4:32-36 Ap '63. (MIRA 16:6)

1. Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR. (Units)

KOROTKOV, V.P.

Introduction of the international system of units in the U.S.S.R.
Fiz. v shkole 23 no.4:13-18 Jl-Ag '63. (MIRA 17:1)

1. Zamestitel' predsedatelya Komiteta standartov, mer i ismeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.

Adoption of the International Unit System. Tekst.prom. 23 no.5: 87-90 My '63. (MIRA 16:5)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Units)

KOROTKOV, V.

Introduction of the international system ofunits in the U.S.S.R. (MIRA 16:5)
Stal' 23 no.5:477-479 My '63.

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.

Introduction of the International Unit System in the U.S.S.R.
Vest.mashinostr. 43 no.5:9-12 My '63. (MIRA 16:5)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov SSSR.
(Weights and measures--Standards)

KOROTKOV, V.P.

Adoption of the international unit system by the U.S.S.R.
Bum. prom. [38] no.6:29-30 Je '63. (MIRA 16:7)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.P.

On the introduction of the International System of Units in the U.S.S.R. Neftekhimia 3 no.3:436-441 My-Je '63. (MIRA 16:9)
(Units)

KOROTKOV, V.P.

Introducing the international unit system into the U. S. S. R.
Mekh. i elek. sots. sel'khoz. 21 no.3:46-48 '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.
(Units)

KOROTKOV, V.P.

Introduction of the international unit system in the U.S.S.R.
Der. prom. 12 no.4:13-14 Ap '63. (MIRA 16:10)

1. Komitet standartov, mer i izmeritel'nykh priborov pri Sovete ministrov SSSR.

KOROTKOV, V.P.

Introduction of the international system of units in the U.S.S.R.
Geod. i kart. no.6:69-74 Je '63. (MIRA 16:9)
(Units)

KOROTKOV, V.P.

Introduction of the international unitary system in the U.S.S.R. NTI no.2:19-22 '63. (MIRA 16:11)

(MIRA 16:11)

KOROTKOV, V.P.

Introduction of the International System of Units in the U.S.S.R. Prib. i tekh. eksp. 8 no.4:197-199 Jl-Ag '63. (MIRA 16:12)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.P.

Introduction of the international system of units in the U.S.S.R. Gaz. delo no.8:3-6 '63. (MIRA 17:3)

1. Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.P.

Introduction of the International System of Units in the U.S.S.R. Prykl. mekh. 9 no.4:459-462 '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.P.

Introduction of the international unit system in the U.S.S.R. Gidroliz. i lesokhim. prom. 16 no.5:19-21 '63. (MIRA 17:2)

1. Gosudarstvennyy komitet standartov, mer i izmeritel'nykh priborov SSSR.

KOROTKOV, V.P.

Introduction of the international system of units in the U.S.S.R.
Vest. elektroprom. 34 no.4:59-61 Ap '63. (MIRA 16:10)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.P.

On the introduction of the international system of units in the U.S.S.R. Khim. prom. no.4:241-244 Ap '63. (MIRA 16:8)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

KOROTKOV, V.P.

Introduction of the International system of units in the U.S.S.R.
Avtom.svar. 16 no.5:87-90 My '63. (MIRA 16:11)

KOROTKOV, V.P.

Introduction of the International System of Units in the U.S.S.R. Priborostroenie no.7:25-28 Jl '63. (MIRA 16:9)

1. Zamestitel' predsedatelya Komiteta standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR.

IVANOV, A.G.; BURDUK, G.D., doktor tekhn. nauk, prof.; VOLOSOV, S.S.; KOROTKOV, V.P.; PED', Ye.I.; ROSTOVYKH, A.Y.; RYMAR', N.F.; TAYTS, B.A., doktor tekhn. nauk, prof.; KOCHENOV, N.I., kand. tekhn. nauk, retsenzent

[Measuring instruments used in the manufacture of machinery] Izmeritel'nye pribory v mashinostroenii. Moskva, Mashinostroenie, 1964. 523 p. (MIRA 18:1)

L 4905-66 EWT(d)/EWT(l)/EWP(v)/EWP(k)/EWP(h)/EWP(l)/EWA(h)/ETC(m) WW

ACC NR: AP5023278 UR/0302/65/000/003/0048/0049
62-553.3

AUTHOR: Kudryashov, A. N.; Kutovenko, S. S.; Polovoy, P. A.; Korotkov, V. P. 39

TITLE: Two-position contactless liquid level regulator 25

SOURCE: Avtomatika i priborostroyeniye, no. 3, 1965, 48-49

TOPIC TAGS: liquid level indicator, liquid level instrument, automatic regulation 14

ABSTRACT: The existing relay-operating circuits for water level control in boilers utilizing aggressive "dark" waters are not very reliable. The breakdowns occur mostly because of various types of deposits and, consequently, the personnel of the Dnepropetrovskiy metallurgicheskiy institut (Dnepropetrovsk Metallurgical Institute), in conjunction with the Zaporozhskiy filial Instituta avtomatiki (Zaporozh'ye Branch, Institute of Automation), developed a completely contactless liquid level regulator, the induction sensors of which exhibit increased sensitivity due to high-permeability ferrite cores used in the device. The sensor consists of a diamagnetic tube surrounded by three induction coils. The level is indicated by a float moving freely through the tube. In addition to the design characteristics of the sensor, the article describes the design and operation of the associated electrical circuit of the control which was successfully tested under laboratory conditions. Orig. art. has: 2 figures.

ASSOCIATION: None

SUBMITTED: 00 ENCL: 00 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 1/1

L 17689-66 EWT(1)/EWA(h)

ACC NR: AP6006335 SOURCE CODE: UR/0413/66/000/002/0058/0058

INVENTOR: Korotkov, V. P.; Kudryashov, A. N.; Kutavenko, S. S.; Polovoy, P. A. 24

ORG: none

TITLE: Contactless time relay. 15 Class 21, No. 177986

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 58

TOPIC TAGS: time relay, delay circuit

ABSTRACT: The contactless time relay shown in Fig. 1 consists of RC networks, blocking generators, and flip-flops. To increase the time delay and simplify the

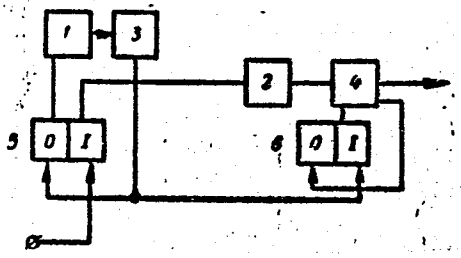


Fig. 1. Time relay

1-4 - Coupled blocking generators;
5, 6 - flip-flops.

Card 1/2 UDC: 621.318.57

L 20419-66 EWT(1)/T WR

ACC NR: AP6009841 SOURCE CODE: UR/0413/66/000/004/0034/0034

INVENTOR: Korotkov, V. P.; Shmakov, V. A.; Shevchenko, B. N.

ORG: none

TITLE: Device for conversion, normalization, and integration of antenna radiation patterns. Class 21, No. 178869

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 34

TOPIC TAGS: mechanical motion instrument, antenna radiation pattern, antenna engineering

ABSTRACT: A mechanical device is introduced for conversion, normalization, and integration of antenna radiation patterns (see Fig. 1). To increase the operating

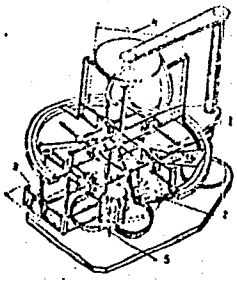

Fig. 1. Device for conversion, integration, and normalization of radiation patterns

1 - Steel template; 2 - rod; 3 - multiplication mechanism; 4 - friction planimeter; 5 - cam.

Card 1/2 UDC: 621.317.619

L 20419-66
ACC NR: AP6009841

efficiency, the device includes a flexible steel template which tracks the amplitude characteristic, a rotatable rod for multiplication of signal strength by a constant quantity, a mechanism for multiplication of signal strength by the sine of the polar angle, a friction planimeter, and a cam whose profile follows the modulus of a sinusoid. Orig. art. has: 1 figure. [BD]

SUB CODE: 09/ SUBM DATE: 23Jan65/ ATD PRESS: 4222

Card 2/2 ULR

L 04273-67

ACC NR: AP6013295 SOURCE CODE: UR/0413/66/000/008/0090/0090

AUTHORS: Korotkov, V. P.; Nikol'skiy, A. A.; Shmakov, V. A.

32
B

ORG: none

TITLE: A method for inspecting the internal surface of spherical details. Class 42, No. 180829

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 90

TOPIC TAGS: surface geometry, ~~surface roughness~~, SPHERIC SHELL STRUCTURE, OPTIC METHOD.

ABSTRACT: This Author Certificate presents a method for inspecting the internal surface of spherical details by the deflection of the constant level line from the standard value. To inspect details of complex shape, the lines of constant level are obtained by cutting the inspected detail by a layer of low reflection liquid. The level of the liquid is then changed by a desired amount, and the line is photographed on the same colored film with the use of interchangeable color filters.

SUB CODE: 20/ SUBM DATE: 19Oct64

Card 1/1 UDC: 778.6:531.717.7

ACC NR: AP7001387 (N) SOURCE CODE: UR/0413/66/000/021/0057/0057

INVENTOR: Korotkov, V. P.; Smirnova, Ye. N.

ORG: none

TITLE: Automatic device for matching antennas. Class 21, No. 187845

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 57

TOPIC TAGS: antenna engineering, antenna tuning, electric impedance

ABSTRACT: An Author Certificate has been issued for an automatic device which matches antennas. The device (see Fig. 1) contains two two-element high-frequency

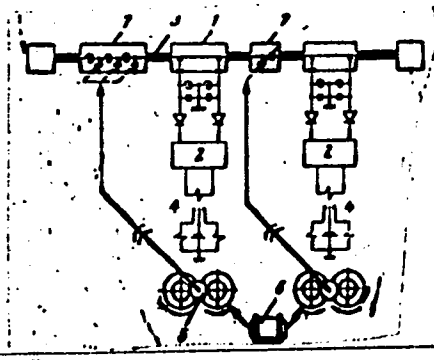

Fig. 1. Automatic device for matching of antennas

1 - Two-element probes; 2 - subtracting blocks; 3 - feeders; 4 - polarized relays; 5 - electromagnetic clutches; 6 - electric motor; 7 - matching elements.

Card 1/2 UDC: 621.396.67

probes with subtracting blocks. To fully match the continuously changing input impedance of the antenna, the probes are connected in series to feeders, and their subtracting blocks are coupled to polarized relays that feed electromagnetic clutches. The clutches couple the rotation of an electric motor to the matching elements. One of the matching elements consists of a variable-length line and the other of a network of capacitors connected in a parallel-series configuration. The second element is connected at a distance equal to 1/8 of the wavelength from the two-element probe, which is nearer to the load. Orig. art. has: 1 figure. [IV]

SUB CODE: 17/ SUBM DATE: 16Oct63/ ATD PRESS: 5110

KOROTKOV, V.S., inzh.

Reinforcing aluminum busbars with copper straps. Sbor. st. NIITIAZHMASHa Uralmashzavoda no. 3:109-116 '64. (MIRA 17:7)